

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC) Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

| MODEL YEAR | ENGINE FAMILY | ENGINE SIZE (liter) | FUEL TYPE (CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas) | STANDARDS & TEST PROCEDURE | INTENDED SERVICE CLASS (L/M/H HDD=light/medium/heavy heavy-duty [HD] diesel; UB=urban bus; HDO=HD Otto) |
|--|---------------|---|---|----------------------------|--|
| 2003 | 3GEPH06.5527 | 6.5 | Diesel | Diesel | LHDD |
| SPECIAL FEATURES & EMISSION CONTROL SYSTEMS | | ENGINE MODELS / CODES (rated power in horsepower, hp) | | | |
| OC, PCM, IDI, TC | | L65 / 1 (195 hp) | | | |
| TWC/OC=three-way/oxidizing catalyst WU (prefix) =warm-up cat. O2S=oxygen sensor HO2S=heated O2S TBI=throttle body fuel injection MFI=multi port fuel injection SFI=sequential MFI DDI/IDI=direct /indirect diesel injection TC/SC=turbo/super charger CAC=charge air cooler EGR=exhaust gas recirculation AIR=secondary air injection PAIR=pulsed AIR SPL=sмоke puff limiter ECM/PCM=engine /powertrain control module EM=engine modification 2 (prefix)=parallel (2) (suffix)=in series | | | | | |

The following are the exhaust emission standards (CERT), or family emission limit(s) (FEL) as applicable, and certification levels (CERT) in grams per brake horsepower-hour (g/bhp-hr) for this engine family for hydrocarbon (HC) or non-methane HC (NMHC), oxides of nitrogen (NOx), or NMHC+NOx, carbon monoxide (CO) [except that "diesel" CO certification compliance may have been demonstrated pursuant to Code of Federal Regulations, Title 40, Part 86, Subpart A, Section 86.091-23(c)(2)(i) in lieu of testing], particulate matter (PM), and formaldehyde (HCHO) under the "Federal Test Procedure" (FTP) (Title 13, California Code of Regulations, (13 CCR) Section 1956.1 (urban bus) or 1956.8 (other than urban bus)): (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR Section 1956.1 or 1956.8 are in parentheses.)

| * = not applicable | [g/bhp-hr] | HC | NMHC | NOx | NMHC+NOx | CO | PM | HCHO |
|-----------------------------|------------|-----|------|-----|----------|------|------|------|
| (DIRECT) STANDARD | | 1.3 | * | 4.0 | * | 15.5 | 0.10 | * |
| CORPORATE AVERAGE STANDARD | | * | * | * | * | * | * | * |
| FAMILY EMISSION LIMIT (FEL) | | * | * | * | * | * | * | * |
| CERTIFICATION LEVEL | | 0.1 | * | 2.9 | * | 1.1 | 0.06 | * |

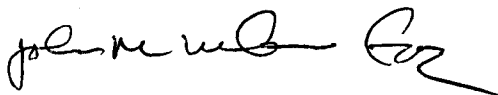
BE IT FURTHER RESOLVED: That certification to the FEL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR Sections 1965 (emission control labels), and 2035 et seq. (emission control warranty).

Engines certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 22nd day of July 2002.


Allen Lyons, Chief
Mobile Source Operations Division

Engine Model Summary Form

A-341-001

Attachment

Manufacturer: General Engine Products
Engine category: On-highway HDDE
EPA Engine Family: 3GEPH06.5527
Mfr Family Name: N/A
Process Code: New Submission

| 1.Engine Code | 2.Engine Model | 3.BHP@RPM (SAE Gross) | 4.Fuel Rate: mm/stroke @ peak HP (for diesel only) | 5.Fuel Rate: (lb/hr) @ peak HP (for diesels only) | 6.Torque @ RPM (SEA Gross) | 7.Fuel Rate: mm/stroke@peak torque | 8.Fuel Rate: (lb/hr)@peak torque | 9.Emission Control Device Per SAE J1930 |
|---------------|----------------|--------------------------|--|---|-------------------------------|--|-------------------------------------|--|
| 1 | L65 | 195@3400* *SAE NET | 63.6 | 95.9 | 430@1800* *SAE NET | 76.9 | 58.0 | OC,TC,PCM,IF+ IDI |